FIG. 1 (PRIOR ART)

FIG. 2

DISPLAY
DEVICE
202

GRAPHICS / DRAWING
PROGRAM
208

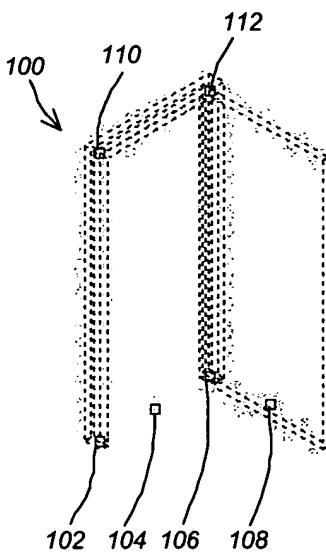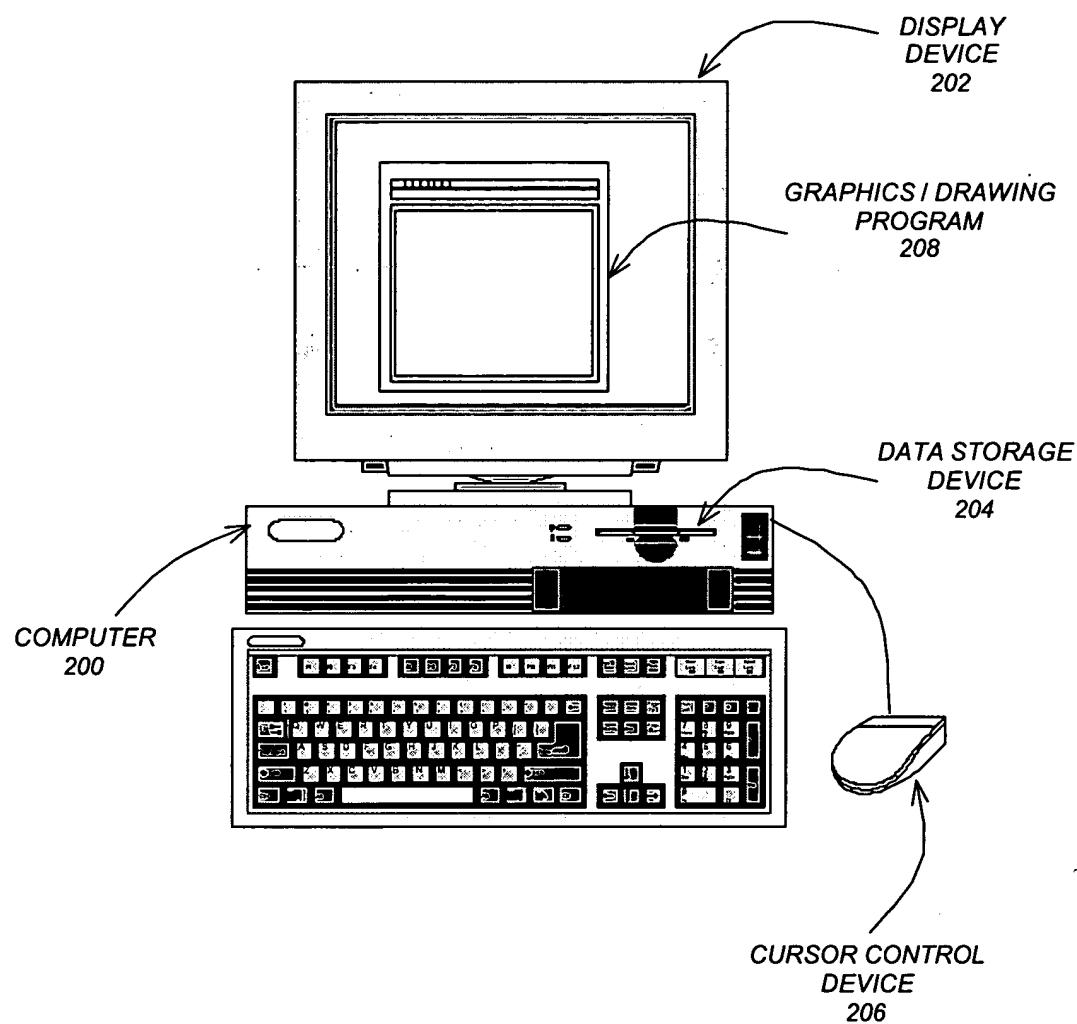DATA STORAGE
DEVICE
204

COMPUTER
200

CURSOR CONTROL
DEVICE
206

GRAPHICS
PROGRAM
208

GRAPHICAL USER INTERFACE 300

IMAGE ENGINE 302

DATABASE 304

2D
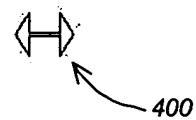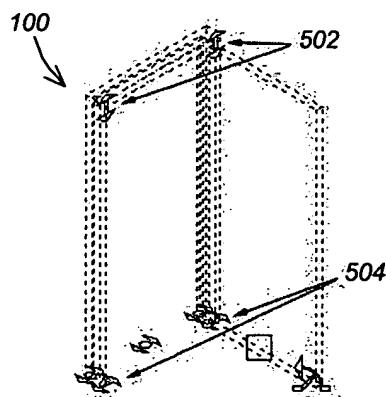DATABASE
310

3D
DATABASE
308

DWG FILES 306

FIG. 3

FIG. 4

400

FIG. 5

100

502

504

FIG. 6

DISPLAY
GEOMETRIC
OBJECT — 600

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DISPLAY GLYPH TO
PROVIDE DIRECT
VISUAL INDICATION OF
VALID MOVEMENT — 602